

CLAIMS APPENDIX

19. (Currently Amended) An interactive system for intervention inside a region of a patient, said interactive system comprising:

a device operable to receive image data of the region of the patient, wherein the image data includes image data of a first reference structure to establish an image reference frame for the region of the patient;

a second reference structure positioned relative to the patient to establish a patient reference frame for the region of the patient;

a controller operable to correlate the position of the first reference structure in the image reference frame with the position of the second reference structure in the patient reference frame;

an active member operable to perform the intervention; and

a tracking system operable to determine a position of at least the second reference structure and the active member.

73. (Currently Amended) An interactive system for intervention inside a region of a patient, said interactive system comprising:

a device operable to receive image data of the region of the patient, wherein the image data includes image data of a first reference structure to establish an image reference frame for the region of the patient;

a second reference structure positioned relative to the patient to establish a patient reference frame for the region of the patient;

a controller operable to correlate the position of the first reference structure in the image reference frame with the position of the second reference structure in the patient reference frame;

an active member operable to perform the intervention inside the region of the patient;

a tracking system operable to track the position of the active member in relation to the patient reference frame, the tracking system being in communication with the controller; and

a display operable to display the real-time position of the active member in the image reference frame based on the tracked position of the active member from the tracking system.

87. (Currently Amended) A method for performing an image guided intervention inside a region of a patient, said method comprising:

capturing a first image data of the region of the patient where the first image data includes image data of a first reference structure;

identifying the first reference structure in the first image data to establish an image reference frame;

identifying a second reference structure relative to the patient to establish a patient reference frame;

correlating the position of the first reference structure in the image reference frame in the first image data with the position of the second reference structure in the patient reference frame; and

tracking an active member in the patient reference frame for display relative to the image reference frame of the first image data.

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